Amritmahal stock will be replaced with Khillar or cross breed progenies. The object is to produce pedigreed bulls for supply to the cultivators of this tract for grading their stock.

1012. The receipts of the above two Cattle Breeding Stations were Rs. 4,253 (Rs. 8,900) and Rs. 3,341 Rs. 1,701) respectively and expenditure were Rs. 27,613 (Rs. 30,886) and Rs. 20,142 (Rs, 22,288) respectively.

Cattle Fairs

1013. Owing to the favourable seasonal conditions which prevailed, 183 cattle fairs were held during the year in the State. In these, arrangements were made to open temporary dispensaries for providing veterinary aid to the cattle which gathered in these. A total of 9,80,677 heads of cattle were estimated to have gathered in the above fairs.

1014. In order to provide incentive to the cattle breeders to rear better stocks, the organisers of the above fairs, with the assistance and co-operation of this department distributed prizes worth Rs. 30,300 to the best exhibits.

Gosamvardhana Celebrations

1015. With a view to providing interest among the private breeders to rear good livestock, Gosamvardhana week was celebrated throughout the State during the months of October and November during the year. Educative propaganda was also organised as an adjunct to this by providing exhibits, charts, photoes and speeches from different persons.

(ii) Serum Institute.

1016. The Serum Institute located at Hebbal, Bangalore, continued to manufacture and supply on a commercial scale the required biological products for the control of epizootological diseases in the State and for supply to the several places ontside the State.

1017. Several obscure diseases like gutanious anthrax as an epidemic in North Kanara, infectious diarrhoea among cattle in Coorg, bovine paralysis, fits among animals in South Kanara were encountered during the year. In all the ailing cases nutritional defficiency was found to be the main cause.

1018. As regards the stock of biological products, the year commenced with an opening balance of 1,62,300 doses,

ANIMAL HUSBAN. AND VETERI. SERVICES

12,300 c c. and 800 bottles of all biologicals. During the year, 42,74,790 doses, 1,24,370 c c. and 10,116 bottles were prepared. Out of these, 41,14,765 doses, 1,15,520 c c. and 10,782 bottles were used.

1019. The following is the list of biological products prepared and issued from the institute during the year: 1. Haemorrahagic Septiceamia Vaccine. 2. Haemorrahagic Septiceamia Serum. 3. Blackquarter Vaccine. 4. Anthrax Serum. 5. Ranikhet Disease Vaccine. 6. Sheep Pox Vaccine. 7. Fowl Pox Vaccine. 8. Goat Pox Vaccine. 9. Rinderpest Serum. 10. Blackquarter Serum. 11. Anthrax Saporium Vaccine. 12. Anti Rabi Vaccine, 13. Rinderpest Goat Virus. 14. Normal Saline 15. Distilled water.

1020. The bio-chemical section continued the analysis of blood in the healthy and ailing animals and several estimates were determined.

1021. During the year, 513 slides for bacteriological and 168 for cultural and biological examinations were received. One hundred and thirty-two positive cases for Haemorrahagic Septiceamia, Blackquarter, Anthrax, Mastitis, Brucellosis and Trypanosomes were identified. In the course of biological production, 312 smears were examined microscopically, and 136 samples of sera and vaccines were subjected to cultural and biological tests.

1022. At the commencement of the year, there were 47 buffaloes, 4 buffaloe calves, 8 sheep and 16 goats. During the year, 81 buffaloe calves, 162 sheep and 145 goats were purchased. Out of these, 75 buffaloe calves, 155 sheep and 144 goats were used for biological production and experimental works. The arable lands of the institute brought under cultivation by employing institute labour yielded 27,890 lbs. of green fodder.

1023. The total expenditure for the year under all items amounted to Rs. 2,36,063-34. The revenue realised exclusive of sales tax aggregated to Rs. 4,92,876-46. The institute had earned a net income of Rs. 2,56,813-12 during the year.